



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## FOREIGN ESTABLISHMENTS—Continued.

No. of license.	Name.	Products.
27	Institut Pasteur de Lille, Lille, France. Selling agents for the United States: Pasteur Laboratories of America, 336 West Eleventh Street, New York City.	Antivenomous serum.
29	The Behringwerk, Marburg, Germany..	Antitetanic serum and tuberculin.
31	E. Merck, Darmstadt, Germany.....	Antimeningococcic serum, antipneumonic serum, antistreptococcic serum, diphtheria antitoxin, jequi- ritol serum, leucofermantin (antitryptic sheep serum), normal horse serum (liquid and dried), tuberculins, and bacterial vaccines prepared from colon bacillus, dysentery bacillus, gonococcus, pneumococcus, sta- phylococci, streptococci, and typhoid bacillus.
32	Kalle & Co., Bielebrich, Germany.....	Tuberculin (Rosenbach).
35	Dr. Carl Spengler, Davos-Platz, Swit- zerland.	I. K. immune blood.
38	Laboratorio di Terapia Sperimentale (Bruschettini), Genoa, Italy.	Tuberculosis serum vaccine and tuberculosis vaccine.
39	Pharmaceutisches Institut Ludwig Wilhelm Ganz, Oberursel bei Frank- fort a. M., Germany.	Antidysenteric serum.
48	Inoculation Department, St. Mary's Hospital, London, England.	Pollicine, and bacterial vaccines prepared from acne bacillus, gonococcus, influenza bacillus, pneumo- coccus, staphylococci, and streptococci.
55	Chemische Fabrik Güstrow, Güstrow i. M., Germany.	Staphylococcus vaccine.

## PLAGUE-PREVENTION WORK.

## CALIFORNIA.

The following report of plague-prevention work in California for the week ended March 25, 1916, was received from Surg. Creel, of the United States Public Health Service, in charge of the work:

## SAN FRANCISCO, CAL.

## RAT PROOFING.

New buildings:	
Inspections of work under construction.....	238
Basements concreted (square feet, 41,220).....	45
Floors concreted (square feet, 5,375).....	5
Yards, passageways, etc. (square feet, 10,848).....	76
Total area of concrete laid (square feet).....	57,443
Class A, B, and C (fireproof) buildings:	
Inspections made.....	152
Roof and basement ventilators, etc., screened.....	785
Wire screening used (square feet).....	4,070
Openings around pipes, etc., closed with cement.....	1,880
Sidewalk lens lights replaced.....	1,000
Old buildings:	
Inspections made.....	403
Wooden floors removed.....	25
Yards and passageways, planking re- moved.....	9

## RAT PROOFING—continued.

## Old buildings—Continued.

New foundation walls installed (cubic feet).....	3,815
Concrete floors installed (square feet, 14,040).....	18
Basements concreted (square feet, 12,200).....	14
Yards and passageways, etc., concreted (square feet, 14,163).....	55
Total area concrete laid (square feet).....	40,403
Floors rat proofed with wire cloth (square feet, 4,158).....	4
Buildings razed.....	17
New garbage cans stamped approved.....	300
Nuisances abated.....	272
OPERATIONS ON THE WATER FRONT.	
Vessels inspected for rat guards.....	25
Reinspections made on vessels.....	24
New rat guards procured.....	13
Defective rat guards repaired.....	5
Vessels on which cargo was inspected.....	1

Amount of cargo inspected and description of same.	Condi- tion.	Rat evi- dence.	Amount of cargo inspected and description of same.	Condi- tion.	Rat evi- dence.
Steamer Governor from Seattle: 10 bales rags..... 180 cases cheese, apples, and milk.	O. K..... O. K.....	None. None.	Steamer Governor from Seattle—Continued. 290 sacks flour, peanuts, and rice. 12 tubs lard.....	O. K..... O. K.....	None. None.
Rats trapped on wharves and water front..	16		RATS COLLECTED AND EXAMINED FOR PLAGUE.		
Rats trapped on vessels.....	16		Collected.....	396	
Traps set on wharves and water front.....	173		Examined.....	311	
Vessels trapped on.....	10		Found infected.....	None.	
Traps set on vessels.....	48		RATS IDENTIFIED.		
Poisons placed within Panama-Pacific International Exposition grounds.....	42,000		Mus norvegicus.....	200	
Bait used on water front and vessels, bacon (pounds).....	1		Mus rattus.....	74	
			Mus alexandrinus.....	68	
			Mus musculus.....	5	

## SQUIRRELS COLLECTED AND EXAMINED FOR PLAGUE.

County.	Col- lected.	Exam- ined.	Found infected.	County.	Col- lected.	Exam- ined.	Found infected.
Monterey.....	332	332	3	Stanislaus.....	6	6	0
Contra Costa.....	116	116	0	Total.....	454	454	3

1 rabbit from Monterey County examined. Not infected.

## RANCHES INSPECTED AND HUNTED OVER.

Monterey County.....	32
Contra Costa County.....	21
Stanislaus County.....	2
Total.....	55

## PLAGUE-INFECTED SQUIRRELS.

Monterey County:	
Shot Mar. 10, 1916. C. Herbert ranch, 8 miles north of Salinas.....	2
Shot Mar. 14, 1916. Johnson ranch, 27 miles southeast of Salinas.....	1

## RECORD OF PLAGUE INFECTION.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	(1)	126 rats.
Berkeley.....	Aug. 28, 1907	(1)	(1)	(1)
Los Angeles.....	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 <sup>2</sup>	July 12, 1915	287 squirrels; 1 wood rat.
Contra Costa.....	July 13, 1915	(1)	Mar. 1, 1916	1,598 squirrels.
Fresno.....	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.....	(1)	(1)	July 12, 1911	5 squirrels.
Monterey.....	(1)	(1)	Mar. 14, 1916	20 squirrels.
San Benito.....	June 4, 1915	(1)	Aug. 14, 1915	50 squirrels.
San Joaquin.....	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	(1)	July 23, 1913	25 squirrels.
Santa Cruz.....	(1)	(1)	May 17, 1910	3 squirrels.
Stanislaus.....	(1)	(1)	June 2, 1911	13 squirrels.

<sup>1</sup> None.

<sup>2</sup> Wood rat.

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, Stanislaus, San Benito, Monterey, Lassen, and Modoc.

## LOUISIANA—NEW ORLEANS—PLAGUE ERADICATION.

The following reports of plague-eradication work at New Orleans were received from Surg. Creel, of the United States Public Health Service, in charge of the work:

## WEEK ENDED MAR. 25, 1916.

OUTGOING QUARANTINE.		LABORATORY OPERATIONS.	
Vessels fumigated with sulphur.....	6	Rodents received, by species:	
Vessels fumigated with cyanide gas.....	16	Mus rattus.....	262
Sulphur used (pounds).....	370	Mus norvegicus.....	1,379
Cyanide used in cyanide-gas fumigation (pounds).....	742	Mus alexandrinus.....	269
Sulphuric acid used in cyanide-gas fumigation (pints).....	1,120	Mus musculus.....	6,281
Clean bills of health issued.....	32	Wood rats.....	121
Foul bills of health issued.....	10	Muskrats.....	8
FIELD OPERATIONS.		Putrid (included in enumeration of species).....	254
Rodents trapped.....	8,263	Total rodents received at laboratory.....	8,320
Premises inspected.....	7,778	Rodents examined.....	2,262
Notices served.....	911	Rats suspected of plague.....	145
Garbage cans installed.....	7	Plague rats confirmed.....	2
BUILDINGS RAT PROOFED.		PLAGUE RATS.	
By elevation.....	200	Case No. 283:	
By marginal concrete wall.....	223	Address, 437 Seguin Street, Algiers, La.	
By concrete floor and wall.....	237	Captured, March 4, 1916.	
By minor repairs.....	535	Diagnosis confirmed, March 21, 1916.	
Total buildings rat proofed.....	1,195	Treatment of premises: Intensive trapping.	
Concrete laid (square yards).....	6,581	Removal of rubbish and debris.	
Premises—planking and shed flooring removed.....	182	Case No. 284:	
Buildings demolished.....	160	Address, 217 Seguin Street, Algiers, La.	
Total buildings rat proofed to date (abated).....	108,476	Captured, March 10, 1916.	
		Diagnosis confirmed, March 22, 1916.	
		Treatment of premises: Intensive trapping.	
		Rat proofing initiated.	

## WEEK ENDED APR. 1, 1916.

OUTGOING QUARANTINE.		LABORATORY OPERATIONS.	
Vessels fumigated with sulphur.....	5	Rodents received, by species:	
Vessels fumigated with cyanide gas.....	20	Mus rattus.....	116
Sulphur used (pounds).....	380	Mus norvegicus.....	1,209
Cyanide used in cyanide-gas fumigation (pounds).....	1,060	Mus alexandrinus.....	155
Sulphuric acid used in cyanide-gas fumigation (pints).....	1,551	Mus musculus.....	6,894
Clean bills of health issued.....	33	Wood rats.....	136
Foul bills of health issued.....	4	Musk rats.....	12
FIELD OPERATIONS.		Putrid (included in enumeration of species).....	209
Rodents trapped.....	8,463	Total rodents received at laboratory.....	8,522
Premises inspected.....	8,896	Rodents examined.....	2,029
Notices served.....	785	Rats suspected of plague.....	142
Garbage can installed.....	1	Plague rats confirmed.....	None.
BUILDINGS RAT PROOFED.		PLAGUE STATUS TO APR. 1, 1916.	
By elevation.....	210	Last case of human plague, Sept. 8, 1915.	
By marginal concrete wall.....	220	Last case of rodent plague, Mar. 16, 1916.	
By concrete floor and wall.....	261	Total number of rodents captured to Apr. 1. 665,270	
By minor repairs.....	426	Total number of rodents examined to Apr. 1. 341,067	
Total buildings rat proofed.....	1,117	Total cases of rodent plague to Apr. 1, by species:	
Concrete laid (square yards).....	6,052	Mus musculus.....	6
Premises—planking and shed flooring removed.....	187	Mus rattus.....	18
Buildings demolished.....	128	Mus alexandrinus.....	12
Total buildings rat proofed to date (abated).....	109,593	Mus norvegicus.....	248
		Total rodent cases to Apr. 1, 1916....	284

<sup>1</sup> Indicates number of rodents the tissues of which were inoculated into guinea pigs. Most of them showed on necropsy only evidence of recent inflammatory process; practically none presented gross lesions characteristic of plague infection.